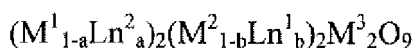


**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

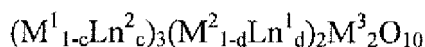
**LISTING OF CLAIMS:**

1. (canceled).
2. (canceled).
3. (currently amended): A phosphor represented by formula



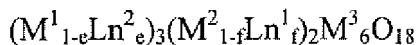
wherein  $M^1$  is at least one metal element selected from the group consisting of Ca, Sr, and Ba,  
 $M^2$  is at least one metal element selected from the group consisting of Y, La, Gd, and Lu,  $M^3$  is at  
least one metal element selected from the group consisting of Si and Ge and oxygen,  $Ln^1$  is at  
least one metal element selected from the group consisting of Ce, Pr, Nd, Pm, Sm, Eu, Tb, Dy,  
Ho, Er, Tm, Yb, and Mn,  $Ln^2$  is at least one element selected from the group consisting of Sm,  
Eu, Yb, and Mn, a is from 0 to 0.5, b is from 0 to 0.5, and the sum of a and b is not less than 0).

4. (currently amended): A phosphor represented by formula



wherein  $M^1$  is at least one metal element selected from the group consisting of Ca, Sr, and Ba,  
 $M^2$  is at least one metal element selected from the group consisting of Y, La, Gd, and Lu,  $M^3$  is at  
least one metal element selected from the group consisting of Si and Ge and oxygen,  $Ln^1$  is at  
least one metal element selected from the group consisting of Ce, Pr, Nd, Pm, Sm, Eu, Tb, Dy,  
Ho, Er, Tm, Yb, and Mn,  $Ln^2$  is at least one element selected from the group consisting of Sm,  
Eu, Yb and Mn, c is from 0 to 0.5, d is from 0 to 0.5 and the sum of c and d is not less than 0.

5. (currently amended): A vacuum ultraviolet radiation excited light-emitting device comprising a phosphor represented by formula



wherein M<sup>1</sup> is at least one metal element selected from the group consisting of Ca, Sr, and Ba,  
M<sup>2</sup> is at least one metal element selected from the group consisting of Y, La, Gd, and Lu, M<sup>3</sup> is at  
least one metal element selected from the group consisting of Si and Ge and oxygen, Ln<sup>1</sup> is at  
least one metal element selected from the group consisting of Ce, Pr, Nd, Pm, Sm, Eu, Tb, Dy,  
Ho, Er, Tm, Yb, and Mn, Ln<sup>2</sup> is at least one element selected from the group consisting of Sm,  
Eu, Yb, and Mn, e is from 0 to 0.5, f is from 0 to 0.5, and the sum of e and f is not less than 0.

6. (previously amended): A vacuum ultraviolet radiation excited light-emitting device comprising the phosphor according to claim 3 or 4.